

*SPECIFICATION AMENDMENTS*

Please replace paragraph [0036] with the following amended paragraph:

[0036] FIG. 14 is a graph illustrating a burn rate relationship between a 50% fuel burn location and an average ionization signal peak location in a typical natural gas power generation engine operating with air/fuel ratios corresponding to an excess-air factor  $\lambda$  in the range of 1.59 to 1.67; and

Please replace paragraph [0037] with the following amended paragraph:

[0037] FIG. 15 is a graph illustrating a burn rate relationship between a 50% fuel burn location and an average ionization signal peak location in a typical natural gas power generation engine operating with air/fuel ratios corresponding to an excess-air factor  $\lambda$  in the range of 1.6 to 1.85 [[: and]].

Please delete paragraph [0038].